

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/IB2005/050005

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/004 G11B7/006 G11B7/125

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 015, no. 218 (P-1210), 4 June 1991 (1991-06-04) -& JP 03 059821 A (MITSUBISHI ELECTRIC CORP), 14 March 1991 (1991-03-14) abstract	1-8, 10, 11
X	----- PATENT ABSTRACTS OF JAPAN vol. 015, no. 247 (P-1219), 25 June 1991 (1991-06-25) -& JP 03 078126 A (SONY CORP), 3 April 1991 (1991-04-03) abstract ----- -/--	1-8, 10, 11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

1 April 2005

Date of mailing of the international search report

22/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05, 31 May 1999 (1999-05-31) & JP 11 031342 A (HITACHI LTD; HITACHI MAXELL LTD), 2 February 1999 (1999-02-02) abstract -----	1-11
A	US 6 285 647 B1 (VAN WOUDEBERG ROEL ET AL) 4 September 2001 (2001-09-04) column 4, line 29 - column 8, line 48; figure 5 -----	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/050005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 03059821	A	14-03-1991	NONE	
JP 03078126	A	03-04-1991	JP 2785207 B2	13-08-1998
JP 11031342	A	02-02-1999	NONE	
US 6285647	B1	04-09-2001	WO 9836411 A2	20-08-1998
			DE 69829025 D1	24-03-2005
			EP 0895634 A2	10-02-1999
			JP 2000508820 T	11-07-2000